



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010488
CERTIFICATION DATE: December 26, 2013
DATE RECERTIFICATION DUE: June 24, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

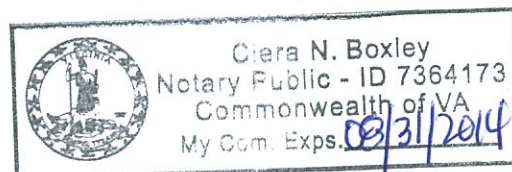
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 30th day of December, 2013 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



msk

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/26/2013

DBH
TLN

Instrument Serial Number: 010488 **As of 26-Dec-13**

Maintenance Date	Certification Date	Technician Initials	Remarks
26-Dec-13	26-Dec-13	DBH (21250)	CERTIFIED.
18-Jul-13	18-Jul-13	MMB (26417)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
06-Feb-13	06-Feb-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
22-Jan-13	22-Aug-12	SED (24178)	REPLACED PRINTER RIBBON.
22-Aug-12	22-Aug-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
09-Mar-12	09-Mar-12	TLN (25387)	CERTIFIED.
30-Dec-11	30-Dec-11	TLN (25387)	REPLACED AND TESTED FUEL CELL MODULE. CALIBRATED AND CERTIFIED.
24-Oct-11	30-Jun-11	HMS (18910)	REPLACED DRY GAS STANDARD.
22-Sep-11	30-Jun-11	HMS (18910)	REPLACED PRINTER RIBBON, REPLACED DRY GAS STANDARD.
30-Jun-11	30-Jun-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
04-Apr-11	01-Feb-11	HMS (18910)	REPLACED DRY GAS STANDARD.
01-Feb-11	01-Feb-11	HMS (18910)	CERTIFIED
04-Jan-11	11-Aug-10	HMS (18910)	REPLACED DRY GAS STANDARD.
12-Oct-10	11-Aug-10	HMS (18910)	REPLACED DRY GAS STANDARD.
19-Aug-10	11-Aug-10	HMS (18910)	RESET PRINTER.
11-Aug-10	11-Aug-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
10-Jun-10	10-Jun-10	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
06-May-10	17-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD.
17-Mar-10	17-Mar-10	HMS (18910)	REPLACED DRY GAS STANDARD, CALIBRATED AND CERTIFIED.
05-Mar-10	05-Mar-10	HMS (18910)	CERTIFIED
22-Oct-09	22-Oct-09	MSK (21355)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
04-Aug-09	04-Aug-09	DBH (21250)	REPLACED TANK TOP LID, CERTIFIED.
12-Nov-08	12-Nov-08	DBH (21250)	CERTIFIED.
07-Nov-08	07-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH
TLN

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010488 Worksheet Start Date 12/26/2013
Location Colonial Heights PD
Address 100 Highland Ave Colonial Heights VA 23834
DFS Technician Donald Hall License No. 21250

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 767 Reference Barometer (mm HG) 765
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.303
0.300	0.303	0.293	0.312	Sample 2	0.303
Precision		sample min	sample max	Sample 3	0.302
0.001		0.302	0.303		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.100
0.100	0.101	0.097	0.104	Sample 2	0.101
Precision		sample min	sample max	Sample 3	0.101
0.001		0.100	0.101		

Dry gas standard Lot No. (with tank no.) AG227501-18

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

100

100

100

Notes:

Instrument Serial Number

010488

Certification Date

12/26/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.249
0.250	0.252	0.244	0.259	Sample 2	0.248
Precision		sample min	sample max	Sample 3	0.247
0.002		0.247	0.249		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.150
0.150	0.151	0.146	0.155	Sample 2	0.150
Precision		sample min	sample max	Sample 3	0.150
0		0.150	0.150		

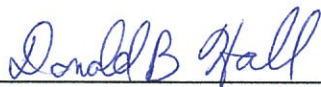
Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.080
0.080	0.081	0.078	0.084	Sample 2	0.080
Precision		sample min	sample max	Sample 3	0.080
0		0.080	0.080		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.019
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.019
0		0.019	0.019		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician



Date

12/26/13

Issuing Analyst



Date

12/27/13

msk

Intox EC/IR-II: Certification

DBH
TLN

Department of Forensic Science

Serial Number: 010488 Test Number: 2408
Test Date: 12/26/2013 Test Time: 14:33 EST

Technician Initials: DBH

Dry Gas Target: 0.252

Lot Number: 2961225012-09 Exp Date: 11/01/2014

Tank Pressure: 683 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:33
BLK	0.000	14:34
CHK	0.249	14:35
BLK	0.000	14:36
CHK	0.248	14:37
BLK	0.000	14:39
CHK	0.247	14:40
BLK	0.000	14:41

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
TLN

Department of Forensic Science

Serial Number: 010488 Test Number: 2409
Test Date: 12/26/2013 Test Time: 14:44 EST

Technician Initials: DBH

Dry Gas Target: 0.151

Lot Number: 2951215012-03 Exp Date: 11/01/2014

Tank Pressure: 316 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:44
BLK	0.000	14:45
CHK	0.150	14:46
BLK	0.000	14:47
CHK	0.150	14:48
BLK	0.000	14:49
CHK	0.150	14:50
BLK	0.000	14:51

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
TLN

Department of Forensic Science

Serial Number: 010488 Test Number: 2410
Test Date: 12/26/2013 Test Time: 14:54 EST

Technician Initials: DBH

Dry Gas Target: 0.081

Lot Number: 07713080I2-01 Exp Date: 05/01/2015

Tank Pressure: 894 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:55
BLK	0.000	14:56
CHK	0.080	14:56
BLK	0.000	14:58
CHK	0.080	14:58
BLK	0.000	15:00
CHK	0.080	15:00
BLK	0.000	15:02

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
TL

Department of Forensic Science

Serial Number: 010488 Test Number: 2411
Test Date: 12/26/2013 Test Time: 15:04 EST

Technician Initials: DBH

Dry Gas Target: 0.020

Lot Number: 0771302011-02 Exp Date: 05/01/2015

Tank Pressure: 767 psi Barometric Pressure: 767 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	15:05
BLK	0.000	15:05
CHK	0.019	15:06
BLK	0.000	15:07
CHK	0.019	15:08
BLK	0.000	15:09
CHK	0.019	15:10
BLK	0.000	15:11

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-II: Accuracy Check

DBH
TLN

Department of Forensic Science

Serial Number: 010488 Test Number: 2412

Test Date: 12/26/2013 Test Time: 15:14 EST

Dry Gas Target: 0.303

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 247 psi Barometric Pressure: 767 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:15
CHK	0.303	15:16
BLK	0.000	15:17
CHK	0.303	15:18
BLK	0.000	15:20
CHK	0.302	15:21

Test Status: *Success*

Calibration CRC: 241C2944

Intox EC/IR-II: Accuracy Check

DBH
TLN

Department of Forensic Science

Serial Number: 010488 Test Number: 2413

Test Date: 12/26/2013 Test Time: 15:23 EST

Dry Gas Target: 0.101

Lot Number: AG227501-18 Exp Date: 10/01/2014

Tank Pressure: 492 psi Barometric Pressure: 767 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:24
CHK	0.100	15:25
BLK	0.000	15:26
CHK	0.101	15:27
BLK	0.000	15:28
CHK	0.101	15:29

Test Status: *Success*

Calibration CRC: 241C2944

DBA
TLN




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/26/2013
TEST EQUIPMENT NUMBER 010488		

RESULTS: TIME SAMPLE TAKEN 15:38 EST
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE

FOR COURT



IntoxNet MIS Report

Report Generated 26 Dec 2013 at 16:42

DBH
TLN

Test Results

Instrument Serial Number 010488

Test # 002414 Subject Test

Test Location 1 Department of
Test Date 26 Dec 2013

Test Location 2 Forensic Science
Test Time 15:31
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B
License Number 21250

Card Serial Number 121250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 26 Dec 2013 End Time 15:39

Result Time 15:38

Result Date 26 Dec 2013

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:31

Data Type BLK

Sample Value 0.000

Sample Time 15:32

Data Type CHK

Sample Value 0.100

Sample Time 15:33

Data Type BLK

Sample Value 0.000

Sample Time 15:34

Data Type SUBJ

Sample Value 0.000

Sample Time 15:35

Data Type BLK

Sample Value 0.000

Sample Time 15:36

Data Type SUBJ

Sample Value 0.000

Sample Time 15:38

Data Type BLK

Sample Value 0.000

Sample Time 15:39

Standard Type Dry Gas Std

Standard Value 0.101

Standard Lot Number AG227501-18

Standard Expiration Date 10/01/2014

Tank Pressure 487

Barometric Pressure 767 mmHg

Blow Sample Number 1 Blow Duration 3.43 sec

Blow Volume 1873 cc End-of-Blow Time 15:35

Blow Sample Number 2 Blow Duration 3.86 sec

Blow Volume 1937 cc End-of-Blow Time 15:38

Tamper Evident Stamp 14befe95

Test Status Code 0

Test Status Success